

WHAT IS CLAIMED IS:

1. An image reading apparatus comprising:
a scanning member movable along an original
mounting table and provided with a reading element for
5 reading an original image;

a frame member housing said scanning member; and
a control board adapted for controlling said
scanning member and provided in said frame member;
wherein said control board is so positioned that,
10 when said scanning member moves toward said control
board, a portion protruding under said scanning member
does not pass on said control board.

2. An image reading apparatus according to claim
15 1, further comprising:

a guide member for guiding the movement of said
scanning member;
wherein said control board is positioned opposite
to the protruding portion of said scanning member with
20 respect to said guide member.

3. An image reading apparatus according to claim
1, wherein said scanning member includes drive means
for moving said scanning member, and said drive means
25 protrudes in the under side of said scanning member.

4. An image reading apparatus according to claim

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3, wherein said drive means includes a drive source and a drive transmission member.

5 5. An image reading apparatus according to claim 4, wherein said drive transmission member is a gear.

10 6. An image reading apparatus comprising:
a scanning member movable along an original mounting table and provided with a reading element for reading an original image;

drive means for driving said scanning member;
a frame member housing said scanning member;
a guide member for guiding the movement of said scanning member, said guide member being fixed to said frame member; and

15 a control board adapted for controlling said scanning member and provided in said frame member;
wherein said control board is positioned opposite to said drive means with respect to said guide member.

20 7. An image reading apparatus comprising:
a scanning member movable along an original mounting table and provided with a reading element for reading an original image;

25 a frame member housing said scanning member;
a control board for controlling said scanning member; and

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an interface connector mounted on a side of said control board;

wherein said control board is fixed to said frame member at least at one of the sides on which said interface connector is not mounted.

8. an image reading apparatus according to claim 7, further comprising a conductive board cover for covering said control board.

9. An image reading apparatus according to claim 7, wherein said control board is fixed by a rib of said frame member.

10. An image reading apparatus according to claim 7, wherein said control board is fixed by a screw to said frame member.

11. An image reading apparatus comprising:
a scanning member movable along an original mounting table and provided with a reading element for reading an original image;

a frame member housing said scanning member; and
a guide member for guiding the movement of said scanning member, said guide member being fixed to said frame member;

wherein said guide member is provided in a

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position where the total sum of moments working on the
scanning member becomes substantially zero.

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